



Possum Point Power Station

Agenda

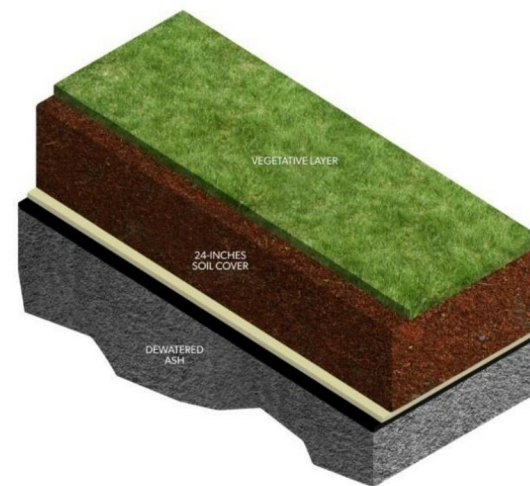
- Introductions (1:00-1:15pm)
- Briefing and Discussion (1:15-1:45pm)
- Pre-Tour Safety Briefing and Tour (1:45-2:30)

Possum Point Power Station

- Dominion Virginia Power
- In operation since 1948
- 650+ Acres in Prince William County
- Coal units converted to natural gas in 2003
- Natural gas and oil-fueled power generation
- 1661 MW generating capacity, enough electricity to help power more than 415,000 homes
- 108 employees

Coal Ash Ponds – Closure Plan

- Move ash from A, B, C and E ponds to clay-lined D pond
- Clean close A, B, C, and E ponds
- Place High Density Polyethylene (HDPE) cap and cover on D pond
- Target completion spring 2018



Treated Wastewater Discharge

**All wastewater will be treated and tested prior to discharge.
Dominion will not discharge any untreated wastewater.**

- Possum Point received a water permit modification in January 2016 to allow removal of water from D pond. A water treatment process will be used to treat all discharges from the pond..
- Public input resulted in increased stringency of the final permit issued by the State Water Control Board.
- Submitted Concept Engineering Report (CER) to DEQ for approval of the wastewater treatment design on February 12, 2016.
- Prior to water discharge –
 - Dominion will complete a “dry-run” of treatment system (without discharging) to ensure technology is working properly.
 - Water will be tested to ensure all discharges meet permit limits.
- Water discharges anticipated to start in March 2016.

Permitting and Closure Process – Next Steps

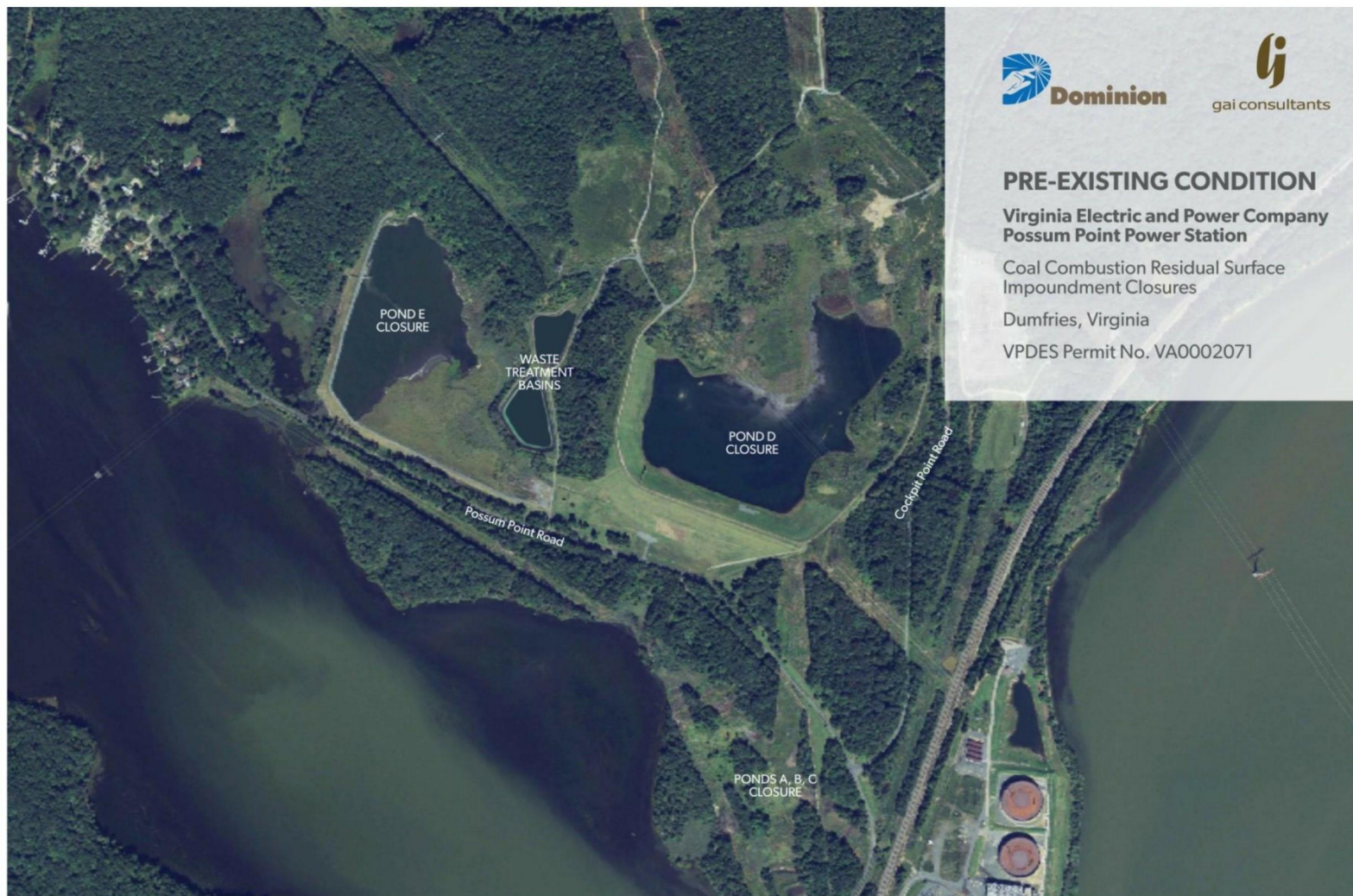
Solid Waste Permit

- Additional solid waste permit required to address cap design, groundwater monitoring and inspections with opportunity for public notice and comment.
- Anticipate draft solid waste permit will be available in March 2016, DEQ public hearing in April 2016.

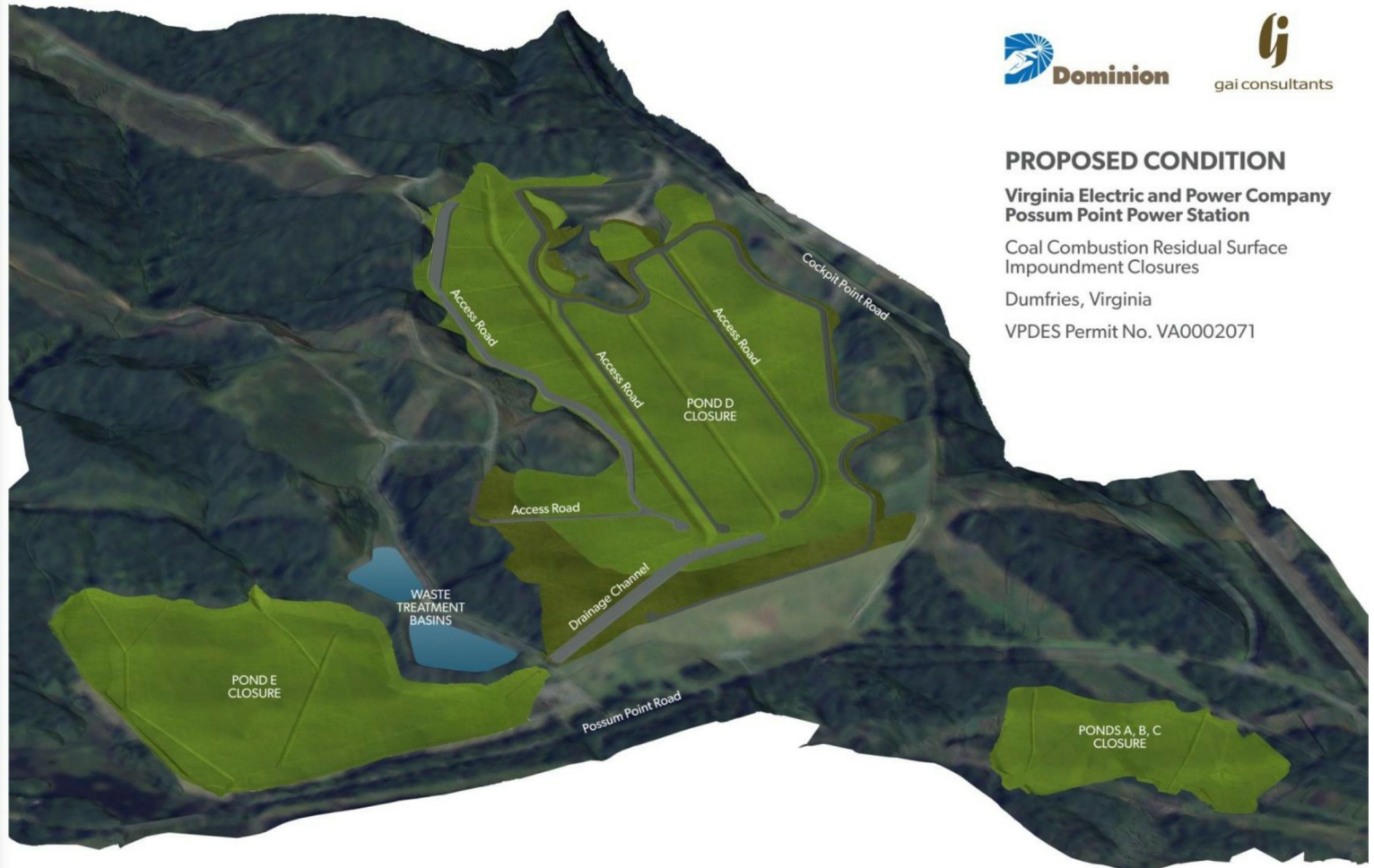
Continued Community Outreach

- Letters sent to residents
- Outreach to community groups

Possum Point Pre-Existing Conditions



Possum Point Post Closure Rendering



PROPOSED CONDITION

Virginia Electric and Power Company
Possum Point Power Station

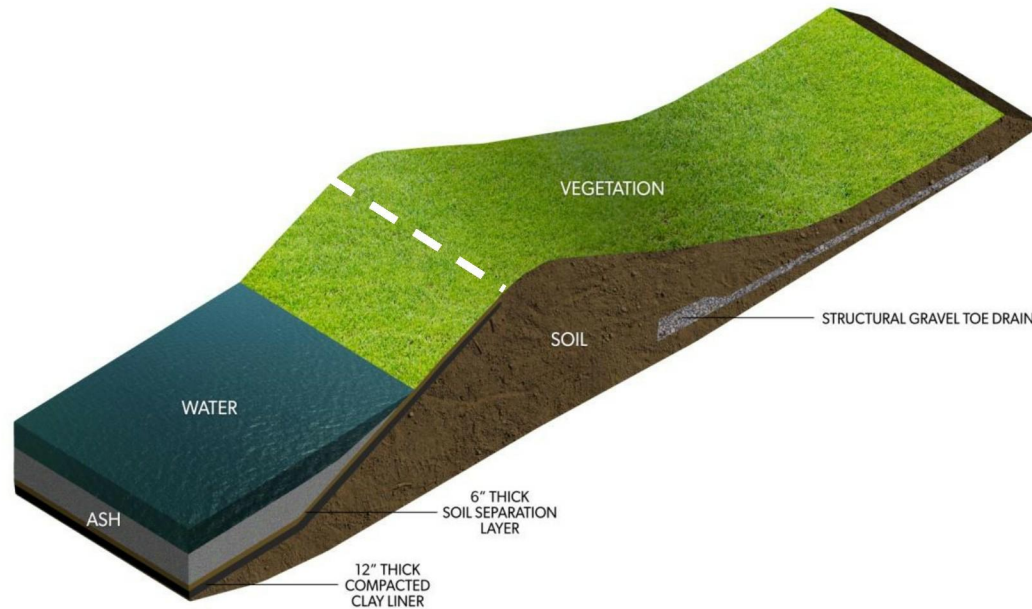
Coal Combustion Residual Surface
Impoundment Closures

Dumfries, Virginia

VPDES Permit No. VA0002071

Appendix

Toe Drain



STRUCTURAL GRAVEL TOE DRAIN : POND D

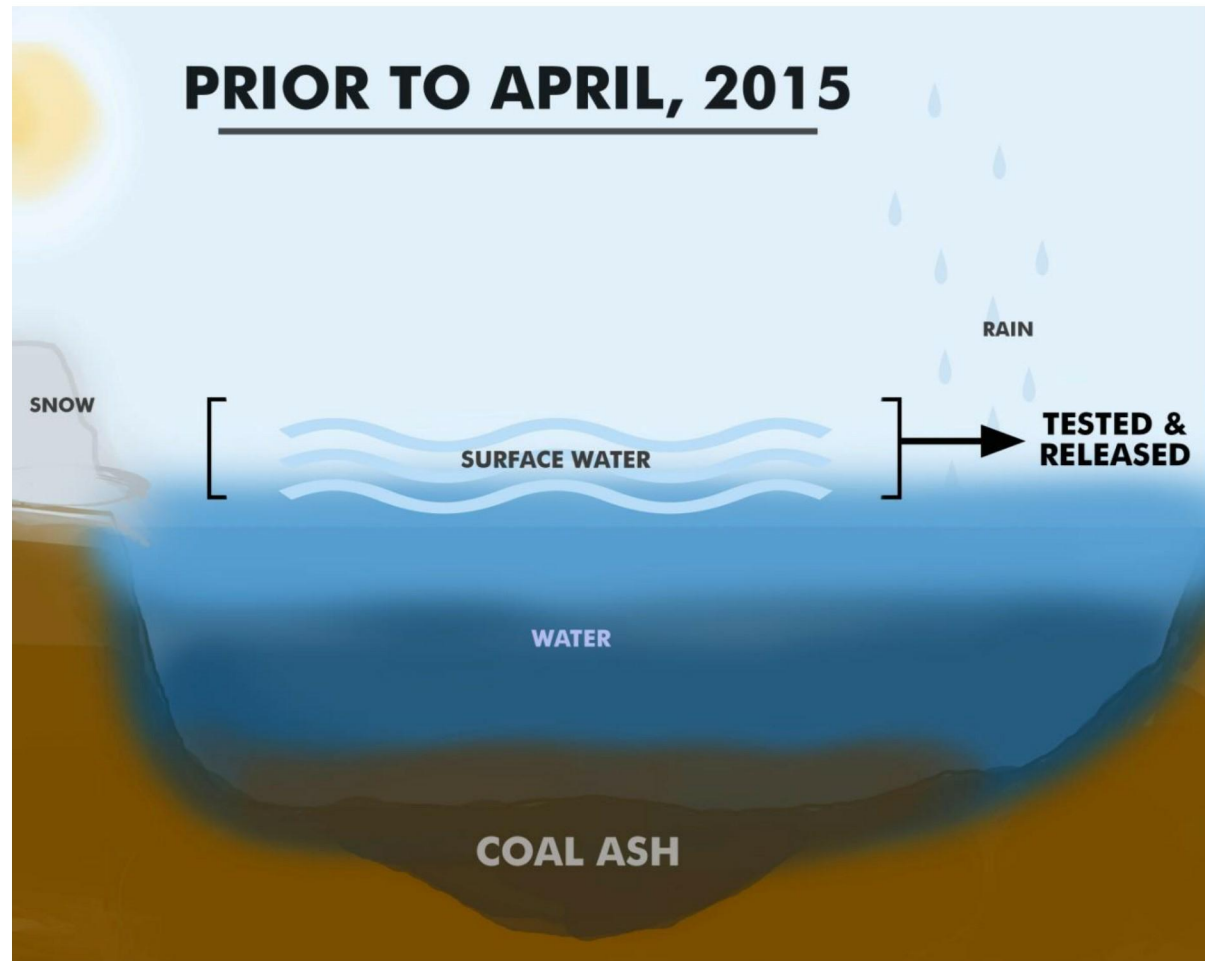
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Coal Combustion Residual Surface
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Historical Discharges, Prior to 2015



Wastewater Discharge

Additional Conditions Required in Final Permit

- Public input resulted in increased stringency of the final permit issued by the State Water Control Board (see slide 12).
 - applying effluent limits to the discharge from a collection drain and stormwater at the largest pond into Quantico Creek;
 - limiting the drawdown of pond surface water to 6 inches per day, except as approved by the Department of Conservation and Recreation;
 - increasing the sampling of ash pond discharge from once per week to three times per week, with a shorter reporting timeline as well;
 - requiring the submission of a conceptual engineering plan for DEQ approval prior to implementing treatment system;
 - putting into place more stringent effluent limits for all ash pond discharges; and
 - requiring the company to immediately cease discharge if effluent limit is exceeded and to submit corrective action plan for approval before restarting.